

EXPERIMENTAL FARMS SERVICE

HISTORICAL NOTES:

A select committee of the Canadian House of Commons, appointed in 1884 to study agricultural conditions in Canada, recommended the establishment of a system of experimental farms. "An Act respecting Experimental Farm Stations" was passed in 1886. Five Experimental Farms were established in widely located areas: at Nappan, Nova Scotia, to serve the Atlantic provinces; at Ottawa to serve Quebec and Ontario, and also designated as headquarters; at Brandon in Manitoba; at Indian Head in Saskatchewan, which was then part of the Northwest Territories; and at Agassiz in British Columbia. The Experimental Farms Service has since expanded its services from St. John's, Newfoundland, to Whitehorse in the Yukon Territory. It comprises:

- 33 Experimental Farms,
- 1 Experimental Fur Ranch,
- 20 Experimental Substations,
- 2 Research Laboratories,
- 2 Forest Nursery Stations,
- 224 Illustration Stations.

The primary function of the Experimental Farms Service is to conduct scientific research under actual farm conditions and in laboratories for the solution of problems confronting Canadian farmers. The results of this research are made available to the public by means of reports, bulletins, press articles and other information media; by distribution of seed of improved new crop varieties and other material through approved channels; and by personal contact with visitors who benefit from the demonstration aspects of experimental work.

Illustration Stations are privately owned farms on which local problems are studied and new varieties are compared under varied soil and climatic conditions.

EXPERIMENTAL FARMS, SUBSTATIONS AND LABORATORIES AND THEIR MAIN FIELDS OF RESEARCH

NEWFOUNDLAND

Experimental Farm, St. John's West. (H.W.R. Chancey, Superintendent.)

Mixed farming and peat bog development.

PRINCE EDWARD ISLAND:

Experimental Farm, Charlottetown. (R.C. Parent, Superintendent.)

Mixed farming in Prince Edward Island and Magdalen Islands of Quebec.

Soil fertility, and specialization in cereal breeding for the Atlantic provinces.

Experimental Fur Ranch, Summerside. (Dr. C.K. Gunn, Superintendent.)

Nutrition research with foxes and mink for fur production.

NOVA SCOTIA:

Experimental Farm, Kentville. (Dr. C.J. Bishop, Superintendent.)

Mixed farming in western Nova Scotia with specialization in horticulture for apple-growing Annapolis Valley.

Experimental Farm, Nappan. (S.D. Williams, Superintendent.)

Mixed farming on upland and marshland soils in northwestern Nova Scotia with specialization in animal husbandry, forage crops, and poultry nutrition for the Atlantic provinces.

NEW BRUNSWICK

Experimental Farm, Fredericton. (S.A. Hilton, Superintendent.)

Mixed farming in New Brunswick. Potato breeding for Canada.

Soil fertility and poultry.

Subsidiary units:

Small Fruit Substation, McDonald's Corner.

Blueberry Substation, Tower Hill.

Potato Breeding Substation, Alma.

QUEBEC:

Experimental Farm, Caplan. (R. Bernier, Superintendent.)

Mixed farming in the Gaspé Peninsula.

Experimental Farm, Ste. Anne de la Pocatière. (J.R. Pelletier, Superintendent.)

Mixed farming in the Lower St. Lawrence Valley.

Experimental Farm, Lennoxville. (Dr. E. Mercier, Superintendent.)

Mixed farming in the Eastern Townships. Specialization in animal husbandry and related research.

Experimental Farm, L'Assomption. (R. Bordeleau, Superintendent.)

Farming in Montreal region, horticulture, tobacco, and poultry.

Subsidiary unit:

Tobacco Substation, Lavaltrie.

Experimental Farm, Normandina. (A. Belzile, Superintendent.)

Farming in Lake St. John area; soil fertility; sheep and dairy husbandry.

Mack Soil Substation, Ste. Clothilde.

(Supervised from Ottawa by Horticulture Division.)

Experimental Substation, Fort Chimo. (R.I. Hamilton, Officer-in-Charge.)

Forage and horticultural trials in tundra area on Ungava Bay.

ONTARIO:

Central Experimental Farm, Ottawa. (Dr. C.H. Goulden, Director and Dr. J.C. Woodward, Associate Director.)

Headquarters of Experimental Farms Service.

Divisions of:

Animal Husbandry. (Dr. K. Rasmussen, Chief.)

Apiculture. (Dr. C.A. Jamieson, Chief.)

Cereal Crops. (Dr. D.G. Hamilton, Chief.)

Field Husbandry, Soils and Engineering. (Dr. P.O. Ripley, Chief.)

Forage Crops. (Dr. T.M. Stevenson, Chief.)

Horticulture. (Dr. H. Hill, Chief.)

Illustration Stations. (A.E. Barrett, Chief.)

Poultry. (H.S. Gutteridge, Chief.)

Tobacco. (Dr. N.A. MacRae, Chief.)

Horticultural Substation, Smithfield.

(Supervised from Ottawa by Horticulture Division.)

Experimental Farm, Harrow. (H.F. Murvin, Superintendent.)

Farming in southwestern Ontario; tobacco breeding and production; breeding and production of grain corn and soybeans; horticulture, orchards and canning crops.

Subsidiary units:

Tobacco Substation, Delhi. (L.S. Vickery, Officer-in-Charge.)

Soil Improvement Substation, Woodlee. (J.W. Aylesworth, Officer-in-Charge.)

Experimental Farm, Kapuskasing. (F.X. Gosselin, Superintendent.)

Mixed farming in clay belt area of northern parts of Ontario and Quebec.

Illustration Stations, Substation, Fort William.

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Experimental work with fertilizers, cereals, forage crops, potatoes and pasture.

MANITOBA:

Cereal Crops Section, Canada Agriculture Research Laboratory, Winnipeg.

(Dr. R.F. Peterson, Officer-in-Charge.)

Breeding and distribution of disease resistant varieties of wheat, oats, barley and oilseeds mainly for Manitoba and Eastern Saskatchewan.

Experimental Farm, Morden. (Dr. C.C. Strachan, Superintendent.)

Farming in southern Manitoba, with specialization in improvement of horticultural plants for prairie conditions, and developing adopted and disease resistant varieties of corn, sunflowers and soybeans.

Experimental Farm, Brandon. (R.M. Hopper, Superintendent.)

Soils and soil fertility; cereal and forage crops; animal husbandry, poultry and apiculture.

Subsidiary units:

Special Crops Substation, Portage La Prairie. (E.M. MacKey, Officer-in-Charge.)

Reclamation Substation, Melita.

Experimental Substation, Wabowden. (V.W. Bjarnarson, Officer-in-Charge.)

Cropping investigations on the northern clay belt of Manitoba.

SASKATCHEWAN:

Experimental Farm, Indian Head. (J. Roe Foster, Superintendent.)

Field husbandry, animal husbandry, and poultry.

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Forest Nursery Station, Indian Head. (John Walker, Superintendent.)

Production and distribution of tree seedlings for prairie farm planting.

Experimental Farm, Regina. (H.W. Leggett, Superintendent.)

Crop production on Regina clay plains, with specialization in weed research.

Experimental Farm, Melfort. (H.E. Wilson, Superintendent.)

Farming in northeastern Saskatchewan with emphasis on livestock production.

Experimental Farm, Scott. (G.D. Matthews, Superintendent.)

Farming in northwestern Saskatchewan.

Forest Nursery Station, Sutherland. (W.L. Kerr, Superintendent.)

Production of tree seedlings for prairie farm planting in conjunction with Nursery Station at Indian Head.

Forage Crops Section, Canada Agriculture Research Laboratory, Saskatoon. (Dr. W.M. Cornack, Chief.)

Dr. J.L. Bolton, Section Head.)

Breeding and testing of forage crops for prairie conditions.

Experimental Farm, Swift Current. (G.N. Denike, Superintendent.)

Dryland and irrigated farming in southwestern Saskatchewan; sheep breeding; turkey nutrition; agricultural engineering; pasture and rangeland studies.

ALBERTA:

Range Experimental Farm, Manyberries. (H.F. Peters, Superintendent.)

Beef cattle and sheep breeding; range management.

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Experimental Farm, Lethbridge. (H. Chester, Superintendent.)

Dryland and irrigation farming in southern Alberta; animal nutrition and wool studies; fruit and vegetable processing; cereal and forage plant breeding.

Subsidiary units:

Range Substation, Stavelay. (R.W. Peake, Officer-in-Charge.)

Irrigation Substation, Vauxhall. (W.L. Jacobson, Officer-in-Charge.)

Experimental Farm, Lacombe. (J.G. Stothart, Superintendent.)

Farming in central Alberta; breeding swine and beef cattle; cereal and forage crops.

Subsidiary unit:

Solonetz Soils Substation, Vegreville. (Dr. R.R. Cairns, Officer-in-Charge.)

Experimental Farm, Beaverlodge. (E.C. Stacey, Superintendent.)

Farming in southern part of Peace River district of Alberta and British Columbia; agrometeorology; soil tillage; weed control.

Experimental Farm, Fort Vermilion. (C.H. Anderson, Superintendent.)

Farming in northern part of Peace River district; forage seed production; land clearing.

BRITISH COLUMBIA:

Experimental Farm, Summerland. (Dr. T.H. Anstey, Superintendent.)

Farming in south-central British Columbia; tree fruits;

vegetables; irrigation; fruit and vegetable processing.

Range Experimental Farm, Kamloops. (T.G. Willis, Superintendent.)

Rangeland studies in interior British Columbia from United States Border to Quesnel; forage crops irrigation.

Experimental Farm, Agassiz. (Dr. M.F. Clarke, Superintendent.)

Farming in lower Fraser Valley; dairy cattle; swine; poultry breeding; cereals; grasses; small fruits and vegetables.

Subsidiary units:

Potato Substation, Boundary Bay.

Small Fruits Substation, Abbotsford.

Experimental Farm, Saanichton. (J.J. Woods, Superintendent.)

Farming on Vancouver Island; horticulture and floriculture.

Experimental Farm, Prince George. (W.T. Burns, Superintendent.)

Farming in central British Columbia.

Experimental Farm, Smithers. (R.G. Savage, Superintendent.)

Farming in Skeena Valley of west-central British Columbia.

Experimental Substation, Creston. (F.M. Chapman, Officer-in-Charge.)

Specialized production on the reclaimed flats of Kootenay Valley in British Columbia.

NORTHWEST TERRITORIES:

Experimental Farm, Fort Simpson. (J.A. Gilbey, Superintendent.)

Crop production in Mackenzie River valley; mainly garden crops.

Subsidiary unit:

Experimental Substation, Aklavik.

Crop growing under permafrost conditions.

YUKON TERRITORY:

Experimental Farm, Whitehorse. (W.H. Hough, Superintendent.)

Investigations of the agricultural potential of the Takhini-Dezadeash valley of the southern Yukon.

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